

Work Order ID 73055

Wednesday, August 24, 2011 3:36:18 PM



Page 1

Item ID: D2322	Accept		Setup	Start	
Revision ID:				Stop	
Item Name: Step Spacer					
Start Date: 8/25/2011	Start Qty: 20.00		Cust Item ID:		
Required Date: 9/8/2011	Req'd Qty: 20.00		Customer:		
Reference:					

Approvals:	Process Plan: <u>MF</u>	Date: <u>11-08-24</u>	Tooling:	Date:	Run	Start	
	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2322	Rev C								

100	FLOW WATER JET	0.00							
	Waterjet								
	Memo	0.00							
FLOW CNC Waterjet	1-Cut as per Dwg D2322 <input type="checkbox"/> Dwg Rev: <u>C</u> <input type="checkbox"/> Prog Rev: <u>C</u> <input type="checkbox"/> 2- Deburr if necessary								

110	QC2- Inspect parts off machine FAI/FAIB	0.00							
	QC								
	Memo	0.00							
Quality Control									

120	QC8- Inspect parts - second check	0.00							
	QC								
	Memo	0.00							
Quality Control									

11/08/25

21

11/08/25

21

11/08/25

21

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

[illegible]

Page 2

[illegible][illegible]

1. The first step in the process of developing a new product is to identify a market need. This is often done through market research, which can be conducted in a variety of ways, including surveys, focus groups, and interviews.	2. Once a market need has been identified, the next step is to develop a concept for the new product. This involves brainstorming ideas and creating a rough sketch of the product.	3. The third step is to create a prototype of the product. This is a physical model of the product that can be used to test the concept and gather feedback from potential customers.	4. The fourth step is to conduct a feasibility study. This is a study that determines whether the product is technically feasible, financially viable, and commercially viable.	5. The fifth step is to develop a business plan for the new product. This plan outlines the company's goals, strategies, and financial projections.	6. The sixth step is to secure funding for the new product. This can be done through a variety of sources, including venture capitalists, banks, and crowdfunding.	7. The seventh step is to manufacture the product. This involves setting up a production line and hiring workers to assemble the product.	8. The eighth step is to distribute the product. This involves finding retailers and distributors to sell the product.	9. The ninth step is to promote the product. This involves creating a marketing campaign to raise awareness of the product and attract customers.	10. The tenth step is to evaluate the product's performance. This involves tracking sales, customer feedback, and other metrics to determine whether the product is successful.
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Customer:

Reference:

[illegible]

Abstract

**Insp.
Stamp**

0.00

NC BRAKE

Brake NC

Memo

0.00

Brake NC

Form as per Dwg D2322

Si $11608/30$

21

140

QC5- Inspect part completeness to step on W/O

0.00

0.00

QC

Memo

Quality Control

$\delta_{\text{wlog}}/30$

center
21

150

Chemical Conversion Coat per QSI005 4.1

0.00

0.00

HandFinish

Memo

Hand Finishing

21X M/L 11/08/30

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Page 3

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	QC:	Date:	SPC (Y/N):	Date:		Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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160	QC3- Inspect Part Finish	0.00							
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QC	Memo	0.00							

Quality Control									
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170	Identify as per dwg & Stock Location	0.00							
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Packaging	Memo	0.00							

Packaging									
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180	QC21- Final Inspection - Work Order Release	0.00							
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QC	Memo	0.00							

Quality Control									
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21 BR 11-8-30.

11/08/31 (21x)

11/8/31

11-08-31

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Picklist Print

Wednesday, August 24, 2011 3:36:15 PM

Page 1

Work Order ID: 73055

Parent Item: D2322

Parent Item Name: Step Spacer




Start Date: 8/25/2011

Required Date: 9/8/2011

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP Rev:A New Issue 05-11-07 JLM
IPP Rev;B Now on Waterjet 06-07-03 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M2024T3S.040 		Purchased		No		100	sf	181.9184	0.203	4.273684			

2024-T3 .040 sheet

Location

Loc Qty

Loc Code

MAT022

181.918421

112291

0.5

112331

0.2

113162

18.1

117684

163.118421

4.4 *RD* 11/08/25

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DESIGN BW		DRAWN BY CP		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED KE		APPROVED [Signature]		DRAWING NO. D2322	
DATE 98.09.29		TITLE STEP SPACER		REV. C SHEET 1 OF 1	
A		94.10.14		NEW ISSUE	
C		98.09.29		4.428 WAS 4.460, 0.040 WAS 0.032 CHANGES PER NCR 001	

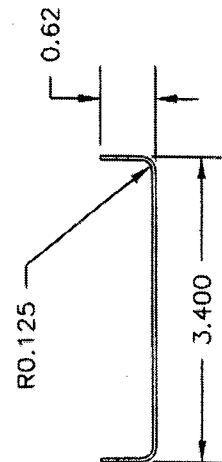
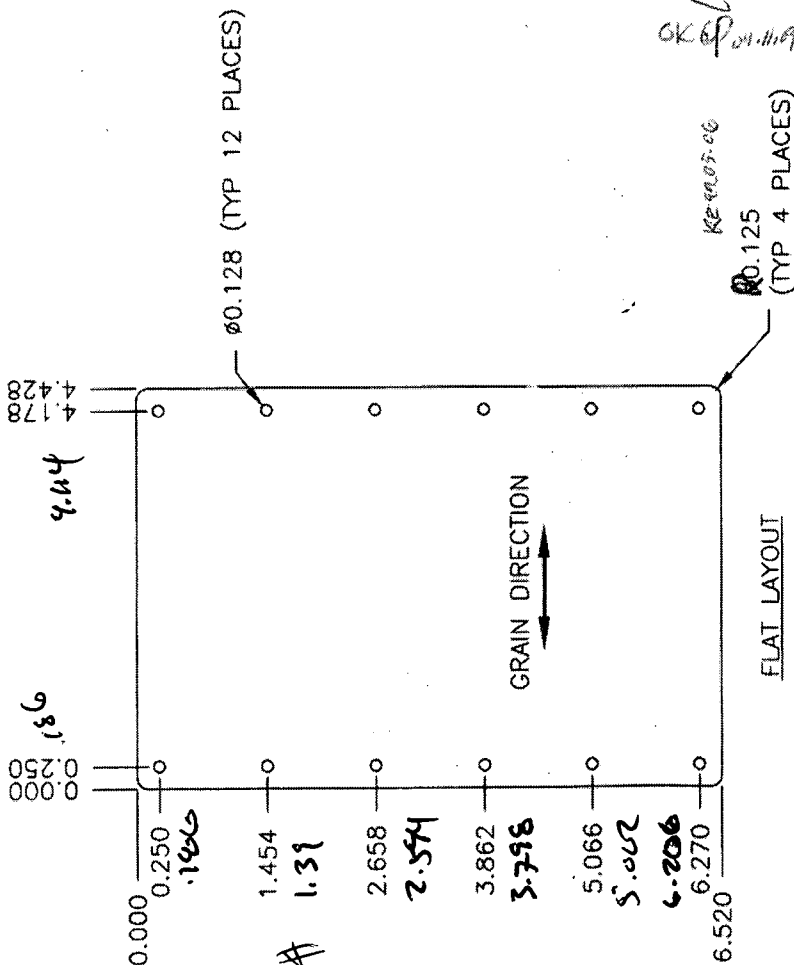
RELEASED
98.10.08 DS

UNDER REVIEW

01.03.15 CP

~~DESIGN OK, BUT CHECK WITH
JTS BEFORE MANUFACTURE~~

GK 69.11.69



MATERIAL: 2024-T3 (QQ-A-250/5) 0.040 THICK
FINISH: ACID ETCH, ALODINE PER DART QSI 005 4.1
TOLERANCES PER DART QSI 018 UNLESS OTHERWISE NOTED

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